

Title (en)  
RIDING MOWER

Title (de)  
AUFSITZRASENMÄHER

Title (fr)  
TONDEUSE À CONDUCTEUR PORTÉ

Publication  
**EP 4393290 A2 20240703 (EN)**

Application  
**EP 23208944 A 20231110**

Priority

- CN 202223594606 U 20221230
- CN 202211726334 A 20221230
- CN 202223594528 U 20221230
- CN 202223611276 U 20221230
- CN 202223594505 U 20221230
- CN 202223594503 U 20221230
- CN 202223594401 U 20221230
- CN 202320439347 U 20230309

Abstract (en)  
Provided is a riding mower. The riding mower includes a mowing assembly including a mowing element and a deck accommodating at least part of the mowing element; a traveling assembly including at least left traveling wheels and right traveling wheels; a traveling electric motor for driving the traveling assembly; a grass collecting pipe connected to the deck to guide grass clippings; and a power supply device configured to supply power to the traveling electric motor. The projection of the grass collecting pipe on a first plane supporting the traveling assembly is at least partially located between the left traveling wheels and the right traveling wheels. The maximum total energy of the power supply device is greater than or equal to 0.5 kW h and less than or equal to 6 kW h. Through the preceding technical solution, the riding mower with the grass collecting pipe in the middle can be provided, the power supply device supplies electrical energy to the riding mower, and the riding mower has better mowing and grass collecting efficiency when automatically traveling.

IPC 8 full level  
**A01D 34/71** (2006.01); **A01D 34/66** (2006.01); **A01D 43/063** (2006.01); **A01D 67/00** (2006.01); **A01D 69/02** (2006.01); **A01D 69/10** (2006.01)

CPC (source: EP US)  
**A01D 34/667** (2013.01 - US); **A01D 34/71** (2013.01 - EP); **A01D 43/063** (2013.01 - EP); **A01D 43/0638** (2013.01 - US);  
**A01D 69/02** (2013.01 - EP US); **A01D 69/10** (2013.01 - US); **A01D 75/008** (2013.01 - US); **A01D 75/182** (2013.01 - US);  
**A01D 34/664** (2013.01 - EP); **A01D 43/0631** (2013.01 - EP); **A01D 67/00** (2013.01 - EP); **A01D 67/02** (2013.01 - US); **A01D 69/10** (2013.01 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 4393290 A2 20240703**; **EP 4393290 A3 20240904**; US 2024215490 A1 20240704

DOCDB simple family (application)  
**EP 23208944 A 20231110**; US 202318498920 A 20231031